

WHAT IS CLAIMED:

1. A method of inhibiting the inflammatory activity of IL-1 β comprising the step of administering a pharmaceutically effective amount of a lactoferrin product.
2. A composition comprising (a) a therapeutic or cosmetic compound that produces a local inflammatory reaction, and (b) a lactoferrin product.
3. A composition according to claim 2, wherein the compound of (a) is selected from the group consisting of tretinoin, a photoprotective, and a hydroxyacid.
4. A composition according to claim 2 or claim 3, further comprising a pharmaceutically acceptable carrier or a cosmetic carrier.
5. A method of treating an allergen-induced inflammatory disorder in a mammal, comprising the step of administering to a mammal a therapeutically effective amount of a lactoferrin product.
6. The method of Claim 5, wherein the mammal is a human.
7. The method according to any one of claims 1, 5 and 6 wherein the allergen-induced inflammatory disorder features a local immune response characterized by increased production of TNF- α .
8. The method according to any one of claims 1 and 5 wherein the lactoferrin product is a naturally occurring lactoferrin.
9. The method according to any one of claims 1 and 5 wherein the lactoferrin product is a recombinantly produced lactoferrin or a biologically active analog thereof.

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cont
10. The method according to any one of claims 1 and ~~5, 7~~ wherein the lactoferrin product is a biologically active fragment of lactoferrin.

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5 11. The method according to any one of claims 1, 5, 6, 7, 8, 9 and 10 wherein the inflammatory disorder is selected from the group consisting of arthritis and a pulmonary inflammatory disease.

12. The method according to any one of claims 1, ~~5, 6, 7, 8, 9~~ and ~~10~~ ⁵ wherein the inflammatory disorder is a dermal inflammatory disorder.

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10 13. The method according to any one of claims 1, ~~5, 6, 7, 8, 9~~ and ~~10~~ ⁵ wherein the inflammatory disorder is selected from the group consisting of contact dermatitis, psoriasis, UV-induced inflammation, infant diaper rash, and acne.

R 14. The method according to any one of claims 1, ~~5, 6, 7, 8, 9~~ and ~~10~~ ⁵ wherein the lactoferrin product is administered in a composition further comprising an anti-wrinkle agent and the inflammatory disorder is facial skin aging.

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15 15. The method according to any one of claims 1, 5, 6, 7, 8, 9 and 10 wherein the inflammatory disease is asthma.

16. The method according to any one of claims 1, 5, 6, 7, 8, 9 and 10 wherein the inflammatory disease is sinusitis.

17. The method according to any one of claims 1, 5, 6, 7, 8, 9 and 10 wherein the inflammatory disease is rhinitis.

20 18. The method according to any one of claims 5, 6, 7, 8, 9 and 10 wherein the inflammatory disease is bronchitis

19. ~~The method according to any one of claims 5, 6, 7, 8, 9 and 10 wherein the inflammatory disease is bronchitis.~~

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